
PRI messages

PRI messages are provided for and give information concerning the following:

- responses to commands entered in LD 60
- database errors relevant to PRI interfaces
- protocol errors associated with a PRI link

The following is a brief discussion of the messages relating to PRI. For a complete discussion, refer to *X11 input/output guide* (553-3001-400).

PRI000 loop v	No problem. Correct version ID (s) was received from PRI loop.
PRI001 loop	No problem. DCHI ready to transmit; PRI ready to receive.
PRI002 loop	PRI channel 24 not ready to receive. Action: 1 Check PRI status. 2 Check PRI to DCHI cable.
PRI003 loop	DCHI not ready to transmit. Action: 1 Check PRI status. 2 Check PRI to DCHI cable. 3 Check the DCHI status.
PRI004 loop	PRI not ready and DCHI not ready.
PRI005 loop v	Incorrect version ID (v) was received from PRI loop. The X11 software release is not compatible with the PRI hardware vintage.
PRI006 loop	Response timeout; no version ID received. Action: 1 Be sure QPC720 is being used, not QPC472. 2 Be sure PRI hardware and software are correctly installed. 3 Check PRI status.
PRI010 loop	Disabling of this loop not allowed. Associated DCHI must be disabled first.

PRI011 loop	DCH port number mismatch between PDCH block and PPRI loop block. Action: This is a software problem. Report it to the technical assistance center.
PRI100 loop ch	The B-channel indicated in the outgoing SETUP is locked out because the far-end is using an alternate B-channel.
PRI101 loop ch c	The B-channel (ch) is locked out because a RELCOMP or RELEASE message has been received with one of the following cause (c) values: 82 = channel does not exist 44 = requested channel is not available 6 = alternate channel acceptable
PRI200	Protocol Error: A Global CREF number is needed for any service message. Format: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.
PRI201	Protocol Error: Invalid maintenance state in the service message. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.
PRI202	Protocol Error: Incorrect value for extension bit. Output data: DCH: x DATA: y z x = D-channel number y = Message type z = Information Element (IE) Action: Report problem if condition persists.
PRI203	Protocol Error: Mandatory Notification description invalid. Output data: DCH: x DATA: y z x = D-channel number y = Message type z = Information Element (IE) Action: Report problem if condition persists.
PRI204	Database Error: Feature is not allowed for this interface. Output data: DCH: x DATA: y z x = D-channel number y = D-channel interface ID z = ESL or ISA Action: Verify data is correct in the configuration record and the route data block.

PRI205	Protocol Error: NSF IE is missing from the SETUP message received from the far end. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Check the database in the far end switch to ensure the NSF IE is included as part of the call origination.
PRI206	Protocol Error: The length of the incoming call reference value was incorrect. The length allowed in North America is 1 or 2. For some other interfaces only a length of 2 is allowed. There may be a compatibility problem with the far end. Output data: DCH: x DATA: y x = D-channel number y = Call reference length Action: Report problem if condition persists.
PRI207	Protocol Error: Wrong message type. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.
PRI208	Protocol Error: Wrong information element (IE) for message type. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.
PRI209	Protocol Error: Undefined information element (IE) for message type. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.
PRI210	Protocol Error: Wrong coding standard. Output data: DCH: x DATA: y x = D-channel number y = Coding standard Action: Report problem if condition persists.
PRI211	Protocol Error: Incorrect extension bit. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.

PRI212	Protocol Error: Bearer capability (BC)—Information transfer not supported. Output data: DCH: x DATA: y x = D-channel number y = Transfer capability Action: Report problem if condition persists.
PRI213	Protocol Error: Bearer capability (BC)—Information transfer rate/mode not supported. Output data: DCH: x DATA: y x = D-channel number y = Transfer rate Action: Report problem if condition persists.
PRI214	Protocol Error: Bearer capability (BC)—Layer 1 protocol ID not correct. Output data: DCH: x DATA: y x = D-channel number y = Protocol ID Action: Report problem if condition persists.
PRI215	Protocol Error: Bearer capability (BC)—Rate is not correct. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.
PRI216	Protocol Error: Bearer capability (BC)—Rate is not correct. Output data: DCH: x DATA: y x = D-channel number y = Rate Action: Report problem if condition persists.
PRI217	Protocol Error: General location not supported. Output data: DCH: x DATA: y x = D-channel number y = General location number Action: Report problem if condition persists.
PRI218	Protocol Error: Cause value not supported. Output data: DCH: x DATA: y x = D-channel number y = Cause information element (IE) Action: Report problem if condition persists.

PRI219	Protocol Error: Channel ID octet 3 error. Output data: DCH: x DATA: y x = D-channel number y = Octet 3 Action: Report problem if condition persists.
PRI220	Protocol Error: Channel ID octet 5 error. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.
PRI221	Protocol Error: Channel ID octet 5 error. Incorrect BCH standard. Output data: DCH: x DATA: y x = D-channel number y = B-channel standard Action: Report problem if condition persists.
PRI222	Protocol Error: Channel number does not exist. Output data: DCH: x DATA: y x = D-channel number y = B-channel number Action: Report problem if condition persists.
PRI223	Protocol Error: CREF flag in SETUP message is incorrect. Output data: DCH: x DATA: y x = D-channel number y = Call reference number Action: Report problem if condition persists.
PRI224	Protocol Error: State message error, protocol violation. The state IE is not appropriate for the current state. Output data: DCH: x DATA: a b c d e x = D-channel number a = Pointer to PRI message call register b = UTN c = StatePM d = Message type e = Call reference number Action: Report problem if condition persists.
PRI225	Protocol Error: State message error, protocol violation. Release complete. Received in U11 or U31 state. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.

PRI226	Protocol Error: No REStart ACK message received. Output data: DCH: x DATA: y x = D-channel number y = UTN Action: Report problem if condition persists.
PRI227	Protocol Error: Message received in NULL state. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.
PRI228	Protocol Error: Mandatory Channel ID missing in ALERting. Output data: DCH: x DATA: y x = D-channel number y = NONE Action: Report problem if condition persists.
PRI229	Protocol Error: Mandatory Channel ID missing in incoming CONNect message. Output data: DCH: x DATA: y x = D-channel number y = NONE Action: Report problem if condition persists.
PRI230	Protocol Error: Incoming NSF contains a mismatch between the route defined by the SID and the call type defined for that route. Output data: DCH: x DATA: a b c x = D-channel number a = Facility value b = ISA service type c = Route number Action: Report problem if condition persists.
PRI231	Database Error: NSF error. Invalid service or feature type. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Coordinate fields with far end switch.
PRI232	Protocol Error: PROGRESS INDICATOR not supported. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.

PRI233	Protocol Error: ZERO length for mandatory information element (IE). Output data: DCH: x DATA: y x = D-channel number y = Information element (IE) identifier Action: Report problem if condition persists.
PRI234	Protocol Error: ZERO length for optional information element (IE). Output data: DCH: x DATA: y x = D-channel number y = Information element (IE) identifier Action: Report problem if condition persists.
PRI235	Protocol Error: Bearer capability (BC)—Layer ID is not correct. Output data: DCH: x DATA: y x = D-channel number y = Layer ID Action: Report problem if condition persists.
PRI236	Protocol Error: Incorrect Transit Network Selection (TNS) Network ID Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.
PRI237	Protocol Error: Message length exceeds buffer size. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.
PRI238	Protocol Error: Protocol discriminator is not compatible with the message received. Output data: DCH: x DATA: y x = D-channel number y = Protocol discriminator Action: Report problem if condition persists.
PRI239	Protocol Error: Maintenance message is not allowed for this DCH interface. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.

PRI240	Protocol Error: No service ack message received. Output data: DCH: x DATA: y x = D-channel number y = UTN Action: Report problem if condition persists.
PRI241	Protocol Error: No response from far end to this PRI call. Output data: DCH: x DATA: y x = D-channel number y = B-channel number Action: Report problem if condition persists.
PRI242	Protocol Error: Received a PRI message with an unsupported service identifier. Output data: DCH: x DATA: y x = D-channel number y = Service identifier Action: Report problem if condition persists.
PRI243	Protocol Error: Service discriminator is not supported by PRI. Output data: DCH: x DATA: y x = D-channel number y = Service discriminator Action: Report problem if condition persists.
PRI244	Protocol/Database Error: Facility reject message received. Output data: DCH: x DATA: a b c d e x = D-channel number a = Originating PNI b = Originating number c = Destination PNI d = Destination number e = Reason Action: Verify that the PNI values are correct in the customer and route data blocks and are consistent with the switch on the other end of the link.
PRI245	Database Error: Missing PNI number in the customer data block. Output data: DCH: x DATA: y z x = D-channel number y = Customer number z = Service ID Action: Look into the customer data block to configure the PNI.

PRI246	Protocol Error: Received bad facility information element (IE). Output data: DCH: x DATA: y x = D-channel number y = Error indication Action: Report problem if condition persists.
PRI247	Database Error: PNI missing in Route Data Block. Output data: DCH: x DATA: y x = D-channel number y = Service identifier Action: Configure the PNI in the route data block.
PRI248	Protocol Error: ROSE component sent is being rejected. Output data: DCH: x DATA: y x = D-channel number y = Service identifier Action: Report problem if condition persists.
PRI249	Protocol Error: ISDN: Received a Status message with CAUSE = 30. This is normally received in response to a Status Enquiry, but the Meridian 1 did not send out a Status Enquiry message. The Status message is ignored. Output data: DCH: x DATA: y x = D-channel number y = D-channel interface ID Action: Report problem if condition persists.
PRI250	Protocol Error: Received information element (IE) in the wrong codeset. Output data: DCH: x DATA: y x = D-channel number y = Information element (IE) identifier Action: Report problem if condition persists.
PRI251	Protocol Error: The Presentation Method of Protocol Profile (PMPP) is wrong in the High Layer Compatibility IE. Output data: DCH: x DATA: y x = D-channel number y = High Layer Compatibility PMPP Action: Report problem if condition persists.
PRI252	Protocol Error: The Interpretation of High Layer Characteristics ID is wrong in the High Layer Compatibility IE. Output data: DCH: x DATA: y x = D-channel number y = High Layer Compatibility INTERPRT Action: Report problem if condition persists.

PRI253	Protocol Error: The High Layer Characteristic ID is wrong in the High Layer Compatibility IE. Output data: DCH: x DATA: y x = D-channel number y = High Layer Compatibility CHAR ID Action: Report problem if condition persists.
PRI254	Database Error: The DCH is interfacing with a software issue not supported by the application. Output data: DCH: x DATA: y z x = D-channel number y = Release ID z = Service identifier Action: Verify that the release ID in the configuration record is the same as the software release running on the far end switch.
PRI255	Protocol Error: Information request type is not supported. A message error or a protocol error will be generated depending on whether the I.E. is mandatory or not. Output data: DCH: x DATA: y z x = D-channel number y = Message type z = Information element (IE) identifier Action: Report problem if condition persists.
PRI256	Protocol Error: Wrong length for information request I.E. The length on the received I.E. is beyond the range. A message error or a protocol error will be generated depending on whether the I.E. is mandatory or not. Output data: DCH: x DATA: y z x = D-channel number y = Message type z = Information element (IE) identifier Action: Report problem if condition persists.
PRI257	Protocol Error: Information request specific is not supported. A message error or a protocol error will be generated depending on whether the I.E. is mandatory or not. Output data: DCH: x DATA: y z x = D-channel number y = Message type z = Information element (IE) identifier Action: Report problem if condition persists.

PRI258	Protocol/Database Error: An attempt is being made to insert more than 8 digits in the calling party number for a call originating or tandeming through this switch. Only 8 digits can be included in the calling party number, or the digits are truncated to the right (AXE-10 Australia interface only). Output data: DCH: x DATA: TANDEM or ORIG x = D-channel number Action: For originating calls, modify LD 15 PFX1 and PFX2 so that PFX1+PFX2+DN is less than 8 digits. For tandeming calls, notify far end of incoming trunk that more than 8 digits are being sent.
PRI261	Database Error: The D-channel interface for routing Network Message Service (NMS) facility messages is not a Meridian 1 interface. Output data: DCH: x DATA: a b c d x = D-channel number a = Operation code for TCAP protocol b = Originating digits c = Terminating digits d = Customer number Action: Verify database configuration.
PRI262	Protocol Error: Invalid value for the interface identifier field of channel ID information element from an incoming message. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.
PRI263	Protocol Error: Invalid value for the class field of restart indicator information element from an incoming message. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.
PRI264	Protocol Error: Received an invalid call reference from far-end switch. Output data: DCH: x DATA: y x = D-channel number y = Message type Action: Report problem if condition persists.

- PRI265 Database Error: A Facility Reject message was received. Destination digits cannot be translated.
Output data: DCH: x DATA: a b c d e
x = D-channel number
a = TCAP package type
b = Problem (NOXLAN/NONMS)
c = Originating digits
d = Destination digits
e = Customer number
Action: Verify numbering plan databases are consistent between the near and far end switches.
- PRI266 Protocol Error: TCAP Package type is not recognized by Network Message Center (NMC) feature.
Output data: DCH: x DATA: a b c d e f
x = D-channel number
a = TCAP package type
b = TCAP component type
c = Problem
d = Originating digits
e = Destination digits
f = Customer number
Action: Report problem if condition persists.
- PRI267 Protocol Error: TCAP Package type is not recognized by Network Message Center (NMC) feature.
Output data: DCH: x DATA: a b c d
x = D-channel number
a = TCAP package type
b = Originating digits
c = Destination digits
d = Customer number
Action: Report problem if condition persists.
- PRI268 Protocol Error: TCAP Component is not recognized by Network Message Center (NMC) feature.
Output data: DCH: x DATA: a b c d e
x = D-channel number
a = TCAP package type
b = TCAP component type
c = Originating digits
d = Destination digits
e = Customer number
Action: Report problem if condition persists.

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- PRI269 Protocol Error: TCAP Operation is not recognized by Network Message Center (NMC) feature.
Output data: DCH: x DATA: a b c d e f
 x = D-channel number
 a = TCAP package type
 b = TCAP component type
 c = Operation
 d = Originating digits
 e = Destination digits
 f = Customer number
Action: Report problem if condition persists.
- PRI270 Protocol Error: TCAP parameter is not recognized by Network Message Center (NMC) feature.
Output data: DCH: x DATA: a b c d e f g
 x = D-channel number
 a = TCAP package type
 b = TCAP component type
 c = Operation
 d = Parameter
 e = Originating digits
 f = Destination digits
 g = Customer number
Action: Report problem if condition persists.
- PRI271 Database Error: LDN0 must be defined for the customer for ISDN DID calls to determine the number of digits expected for successful call termination.
Output data: DCH: x DATA: y
 x = D-channel number
 y = Customer number
Action: Configure LDN0 in the customer data block.
- PRI272 Message is ping-pong between 2 nodes.

